# Draft Outline CALFED Programmatic EIR/EIS

1/29/97

#### **EXECUTIVE SUMMARY**

#### **COVER PAGE**

#### I. INTRODUCTION

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1	- 1	Introduction
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- 1.1.1 Framework Agreement
  - 1.1.2 December 15, 1994 Accord
  - 1.1.3 Structure of CALFED

### 1.2 CALFED Program Goals and Objectives

- 1.3 Purpose and Need for the Program
- 1.4 CALFED Solution Principles
- 1.5 Program Geographic Scope
  - 1.5.1 Delta Region
  - 1.5.2 Bay Region
  - 1.5.3 Sacramento River Region
  - 1.5.4 San Joaquin River Region
  - 1.5.5 SWP and CVP Service Areas Outside Central Valley

#### II. PREFERRED PROGRAM

- 2.1 Introduction
- 2.2 CALFED Preferred Alternative
  - 2.2.1 Storage and Conveyance
  - 2.2.2 Water Quality
  - 2.2.3 System Integrity
  - 2.2.4 Ecosystem Restoration
  - 2.2.5 Water Use Efficiency
  - 2.2.6 Operational Assumptions and Regulatory Framework Water Quality Standards

Water Rights
Drinking Water Standards
Biological Resource Protection
SWP/CVP Operations
Permitting Requirements

- 2.2.7 Implementation Strategy
- 2.2.8 Assurances
- 2.2.9 Financial Plan
- 2.2.10 Mitigation Summary

#### III. ALTERNATIVES TO THE PREFERRED PROGRAM

- 3.1 Introduction
- 3.2 Alternative Development
  - 3.2.1 The CALFED Phase I Process
  - 3.2.2 Actions/Action Categories and Phase I Preliminary Alternatives
  - 3.2.3 20 Initial Alternatives
  - 3.2.4 10 Refined Alternatives
  - 3.2.5 3 Preliminary Phase II Alternatives
  - 3.2.6 The CALFED Phase II Process
  - 3.2.7 Integration of Common Programs and Alternative Components
  - 3.2.8 Alternatives Carried Forward for Further Evaluation
  - 3.2.9 Alternatives Not Carried Forward for Further Evaluation
  - 3.2.10 Process for Selection of a Preferred Program
- 3.3 No Action Alternative
  - 3.3.1 Projects and Programs Included
  - 3.3.2 Operational and Regulatory Assumptions
- 3.4 Alternative IA
  - 3.4.1a Storage and Conveyance
  - 3.4.2a Water Quality
  - 3.4.3a System Integrity
  - 3.4.4a Ecosystem Restoration
  - 3.4.5a Water Use Efficiency
  - 3.4.6a Operational Assumptions, Regulatory Framework and Permitting Requirements
  - 3.4.7a Mitigation Summary

(Each of the remaining alternatives will have the same organizational outline as presented in Alternative 1A above)

#### Alternative IB

- 3.5 Alternative IIA Alternative IIB
- 3.6 Alternative IIIA
  Alternative IIIB

# IV. PHYSICAL ENVIRONMENT - Affected Environment, Environmental Consequences, and Mitigation Measures

#### 4.1 SURFACE WATER HYDROLOGY

- 4.1.1 Environmental Setting/ Affected Environment
- 4.1.2 Environmental Impacts/Consequences
  - 4.1.2.1 Assessment Methods
  - 4.1.2.2 Significance Criteria
  - 4.1.2.3 No Action Alternative

Comparison to Existing Conditions

Delta Region

**Bay Region** 

Sacramento River Region

San Joaquin River Region

SWP and CVP Service Areas Outside CV

Summary of Potential Significant Impacts Potential Significant Unavoidable Impacts

#### 4.1.2.4 Preferred Program

Comparison to No Action Alternative

Delta Region

**Bay Region** 

Sacramento River Region

San Joaquin River Region

SWP and CVP Service Areas Outside CV

Comparison to Existing Conditions

**Summary of Potential Significant Impacts** 

Summary of Residual Impacts

Mitigation Strategies

Potential Significant Unavoidable Impacts

#### 4.1.2.5 Alternative IA

Comparison to No Action Alternative

Delta Region

**Bay Region** 

Sacramento River Region

San Joaquin River Region

SWP and CVP Service Areas Outside CV

Comparison to Existing Conditions

**Summary of Potential Significant Impacts** 

Summary of Residual Impacts

Mitigation Strategies

Potential Significant Unavoidable Impacts

(Each of the remaining alternatives will have the same organizational outline as presented in Alternative 1A above.)

#### Alternative IB

4.1.2.6 Alternative IIA

Alternative IIB

4.1.2.7 Alternative IIIA

Alternative IIIB

(Each of the remaining resource categories in Chapters 4, 5 & 6 will have the same organizational outline as presented in Surface Water Hydrology above.)

- 4.2 GROUNDWATER HYDROLOGY
- 4.3 WATER MANAGEMENT FACILITIES AND OPERATIONS
- 4.4 BAY-DELTA HYDRODYNAMICS
- 4.5 WATER QUALITY
- 4.6 GEOMORPHOLOGY, SOILS AND SEISMICITY
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- 4.8 NOISE
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#### 5.3 SPECIAL STATUS SPECIES

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- 6.1 LAND USE
- 6.2 AGRICULTURAL ECONOMICS
- 6.3 MUNICIPAL AND INDUSTRIAL WATER SUPPLY ECONOMICS
- 6.4 FISH WILDLIFE AND RECREATION ECONOMICS
- 6.5 REGIONAL ECONOMICS
- 6.6 POWER PRODUCTION AND ENERGY
- 6.7 RECREATION RESOURCES
- 6.8 VISUAL RESOURCES
- 6.9 CULTURAL RESOURCES
- 6.10 PUBLIC HEALTH AND ENVIRONMENTAL HAZARDS
- 6.11 UTILITIES AND PUBLIC SERVICES
- 6.12 SOCIAL WELL-BEING

#### VII. CUMULATIVE IMPACTS

- 7.1 Projects Included in Cumulative Impact Analysis
- 7.2 Potential Significant Impacts
- 7.3 Mitigation Strategies

#### VIII. GROWTH INDUCING IMPACTS

- 8.1 Potential Significant Impacts
- 8.2 Mitigation Strategies

# IX. SHORT-TERM USES VERSUS LONG-TERM PRODUCTIVITY and IRREVERSIBLE AND IRRETRIEVABLE IMPACTS

### X. COMPLIANCE WITH APPLICABLE LAWS, POLICIES AND PLANS

#### XI. PUBLIC AND AGENCY INVOLVEMENT

- 11.1 PCT
- 11.2 BDAC
- 11.3 CALFED Workgroups & Technical Teams
- 11.4 Public Outreach
- 11.5 Scoping
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  - 11.5.2 Major Public Issues and Concerns

## 11.6 Distribution of Draft Programmatic EIR/EIS

- XII. MITIGATION MONITORING PLAN
- XIII. LIST OF PREPARERS
- XIV. BIBLIOGRAPHY
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